



Hellenic Society for Ultrasound
in Medicine and Biology
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European Federation of Societies for
EFSUMB
Ultrasound in Medicine and Biology



Euroson **SCHOOL**

Elastography & Interventional US

January 18 & 19, 2019
Athens / Crowne Plaza Hotel

Preliminary Program

www.euroson2019.mdcongress.gr



FRIDAY, JANUARY 18

PRELIMINARY PROGRAMM

HALL A

08:00-08:30 REGISTRATION

THEORETICAL COURSE / VESSELS

Chairmen: Ir. Mastorakou, G. Geroulakos

- 08:30-08:45 **Clinical Overview: * What the vascular surgeon expects form US**
G. Geroulakos
- 08:45-09:00 **Elastography of the vascular system**
S. Golemati
- 09:00-09:15 **US, Colour Doppler, CEUS and elastography of the carotids**
N. Liassis
- 09:15-09:30 **Abdominal aorta & Splanchnic vessels: the US approach**
D. Tomais
- 09:30-09:45 **The renal vasculature: US examination as an added value**
V. Bizimi
Discussion

10:00-10:30 Coffee Break

THEORETICAL COURSE / LIVER

Chairmen: R. Badea, P. S. Zoumpoulis

- 10:30-10:45 **Clinical /Overview: * What the gastroenterologist expects from US and Elastography**
R. Badea
- 10:45-11:00 **Impact of Fibroscan (VCTE) in assessment and therapy of chronic liver disease**
M. Schina
- 11:00-11:15 **Factors affecting liver stiffness during sonoelastography**
S. Ozbek
- 11:15-11:30 **US, CEUS and Elastography in Splenic Disease and Portal Hypertension**
I. Teofolean
- 11:30-11:45 **Long-term results of US-guided percutaneous hydatid cyst treatment (PAIR)**
A. Kabaalioglu
- 11:45-12:00 **Endoanal US for rectal tumors**
I. Theotokas
Discussion

13:00-14:00 Lunch Break

HALL B

08:00-08:30 REGISTRATION

PHYSICS AND TECHNOLOGY

Chairmen: G. Sakkas, S.Tsantis

- 08:30-08:45 **Basics in Ultrasound & Doppler Physics**
P. G. Tsiganos
- 08:45-09:00 **State-of-the-art Ultrasound Imaging Technology**
S. Tsantis
- 09:00-09:15 **Physics of Strain and Shear Wave Elastography**
I. Gatos
- 09:15-09:30 **US guided needle navigation**
G. Sakas
- 09:30-09:45 **Vascular Shear Wave Elastography - Technical Considerations**
S. Golemati

10:00-10:30 Coffee Break

PRACTICAL COURSE / CONTRAST - ENHANCED ULTRASOUND (CEUS), GI TRACT

Chairmen: D. Cokkinos

- 10:30-10:45 **How I do it: Liver applications of CEUS: Technique and limitations**
D. Cokkinos
- 10:45-11:00 **CEUS in the diagnosis and intervention for focal liver lesions**
I. Moschouris
- 11:00-11:15 **Endoscopic US, Elastography and interventional US of the upper GI tract**
I. Scotiniotis

Workshop Faculty: S. Giarmenitis, D., Cokkinos, I. Moschouris, I. Scotiniotis, K.Chatzimichail

13:00-14:00 Lunch Break

**HALL A****THEORETICAL COURSE / BREAST**

Chairmen: K. Koufopoulos, O. Doryforou

- 14:00-14:15 **Clinical /Surgical Overview: * What the surgeon expects from US**
K. Kontzoglou
- 14:15-14:30 **US, CEUS and elastography in the diagnosis of benign and malignant breast lesions**
S. Lazarou
- 14:30-14:45 **Assessment in screen detected lesions**
O. Doryforou
- 14:45-15:00 **MRI of the breast**
A. Tsapalira
- 15:00-15:15 **US, Color Doppler and Elastography in cystic breast lesions**
D. Kanavou
- 15:30-15:45 **US guided breast biopsy**
G. Kyropoylos
- 15:45-16:00 **Artificial intelligence in the diagnosis of breast tumors**
S. Kostopoulos
- 16:15-16:30 **Mammography, US, MRI and histology/cytology correlation in breast tumors**
K. Mpoutsiadis
- Discussion**

17:00-17:30 **Coffee Break****THEORETICAL COURSE /THYROID - LYMPH NODES**

Chairmen: S. Oktar, K. Vagianos

- 17:30-17:45 **Clinical /Surgical Overview: * What the surgeon expects from US**
K. Vagianos, Mantas
- 17:45-18:00 **US, Color Doppler and Elastography of the Thyroid**
G. Oikonomou
- 18:00-18:15 **US and Elastography of the Salivary glands**
H. Yerli
- 18:15-18:30 **US, Elastography and US-guided FNA of the Thyroid and the lymph nodes**
G. Mparmpalios
- 18:30-18:45 **Interventional procedures in the Thyroid, Parathyroid: technique & Pitfalls**
S. Oktar
- Discussion**

HALL B**PRACTICAL COURSE / LIVER**

Chairmen: M. Manassis

How I do it:

- 14:00-14:15 **ShearWave Elastography (SWE) & Vibration-controlled transient elastography (VCTE)**
I. Gatos

- 14:15-14:30 **SWE in Portal Hypertension**
R. Badea

Workshop Faculty: R. Badea, G., Zacharopoulos, I. Theotokas, Al. , Soultatos, I. Gatos

PRACTICAL COURSE / THYROID - LYMPH NODES

Chairmen: G. Oikonomou

How I do it:

- 15:45-16:00 **Color Doppler and Elastography of the thyroid and the cervical lymph nodes**
S. Oktar
- 16:00-16:15 **US guided thyroid and parathyroid ablation**
C. Yucel

Workshop Faculty: S. Oktar, C.Yucel, G. Oikonomou, Al. Soultatos

17:00-17:30 **Coffee Break****PRACTICAL COURSE / VESSELS**

Chairmen: S. Katsilouli

How I do it:

- 17:30-17:45 **Peripheral arteries**
S. Katsilouli
- 17:45-18:00 **Peripheral veins**
S. Kampanarou

Workshop Faculty: R. Mastorakou, S. Katsioulis, S. Kampanarou



HALL A

THEORETICAL COURSE / CONTRAST - ENHANCED ULTRASOUND (CEUS), GI TRACT

Chairmen: S. Cazacu, S. Giarmenitis

- 19:00-19:15 **Clinical /Surgical Overview:**
*What the surgeon expects from US
K. Vagianos
- 19:15-19:30 **CEUS in diagnosis and treatment of
infectious bowel disease**
S. Giarmenitis
- 19:30-19:45 **US, CEUS, CT and MR in focal liver lesions**
T. Ordoudis
- 19:45-20:00 **Endoscopic US and Elastography in the
pancreas and the left liver lobe**
S. Cazacu
Discussion

INVITED LECTURES

Chairmen: A. Antsaklis, P. S. Zoumpoulis

- 20:30-20:50 **Radiology and Multidisciplinary teams:
structure, role and perspectives**
N. Gourtsoyiannis
- 20:50-21:10 **UltraFast Imaging and Elastography:
a new breakthrough in US imaging**
J. Souquet

HALL B

PRACTICAL COURSE / BREAST

Chairmen: N. Dimitropoulos

- 18:45-19:00 **How I do it:**
**US guided breast hook wire localization,
FNAC, CB**
N. Dimitropoulos
- 19:00-19:15 **US guided breast VAB (Seno RX)**
P. Malakassis
- 19:15-20:00 **US & Elastography in breast biopsy**
I. Christodoulidou
- Workshop Faculty: N. Dimitropoulos, G. Kyropoulos, M.
Ioannidou, P. Malakassis, D. Kanavou, K. Mpoutsiadis**



HALL A

08:00-08:30 REGISTRATION

THEORETICAL COURSE / POINT OF CARE, TRAUMA, ICU

Chairmen: K. Vagianos, D. Cokkinos

- 08:30-08:45 **Clinical /Surgical Overview:**
*What the surgeon expects from the US in trauma unit
A. Aggelis
- 08:45-09:00 * What the intensivist expects from US
A. Marathia
- 09:00-09:15 **Perioperative uses of Ultrasound**
M. Diakomi
- 09:15-09:30 **Non-invasive haemodynamic monitoring in critical care**
A. Fountoulaki
- 09:30-09:45 **Lung sonography in ICU**
S. Dimopoulos
- CEUS in the Emergency Unit**
D. Cokkinos
- Discussion**

10:00-10:30 Coffee Break

THEORETICAL COURSE / GYNECOLOGY – OBSTETRICS

Chairmen: Antsaklis A, Papantoniou N, Korantzis A.

- 10:30-10:45 **Premenoposal Gynaecological Ultrasound**
K. Kalmantis
- 10:45-11:00 **Postmenoposal Gynaecological Ultrasound**
M. Theodora
- 11:00-11:15 **1st Trimester Ultrasound Scan**
A. Pilalis
- 11:15-11:30 **2nd trimester: Advanced 3d ultrasound techniques for detection of facial anomalies**
A. Jurisic
- 11:30-11:45 **2nd Trimester Ultrasound Scan. Predictor factor for prematurity and preeclampsia**
G. Daskalakis
- 11:45-12:00 **Diagnostic invasive procedures in obstetrics for fetal diagnosis and therapy**
A. Souka

HALL B

08:00-08:30 REGISTRATION

PRACTICAL COURSE / GYNECOLOGY – OBSTETRICS

Chairmen: A. Athanasiadis, G. Dekavalas, M. Syndos

- 08:30-08:45 **How I do it:**
- 08:45-09:00 **US 2D-3D, Color Doppler and Elastography of the Ovarian Ca**
A. Jurisic
- 09:00-09:15 **Invasive procedures in Obstetrics**
A. Gerente
- 09:15-09:30 **1st trimester scan**
V. Bakoulas
- 09:30-09:45 **2nd trimester scan**
P. Antsaklis
- 09:45-10:00 **3rd trimester scan**
A. Sotiriadis
- Workshop Faculty: A. Souka, M. Theodora, P. Antsakli, A. Pilalis**

10:00-10:30 Coffee Break

PHYSICS AND TECHNOLOGY

Chairmen: A. Kelekis, G Sakas

- 10:30-10:45 **Musculoskeletal Ultrasound Imaging - Technical Considerations**
P. G. Tsiganos
- 10:45-11:00 **Platform for Optimal Management of subjects with carotid atherosclerosis on US images**
S. Golemati
- 11:00-11:15 **Quantitative evaluation of Elastography techniques in the Liver**
I. Gatos
- 11:15-11:30 **Image fusion guided biopsies of the Prostate & CNS**
G. Sakas
- 11:30-11:45 **Basics of US fusion imaging and clinical applications**
A. Kelekis



HALL A

12:00-12:15 **US, Elastography & Interventional US during pregnancy**
M. K. Etman
Discussion

13:00-14:00 **Lunch Break**

INVITED LECTURES

Chairmen: S. Giarmenitis, P. S. Zoumpoulis

14:00-14:20 **CEUS: New technologies / New Applications**
P. Burns

14:20-14:40 **US Elastography and beyond: to the wave dispersion and tissue viscosity**
G. Mclaughlin

THEORETICAL COURSE / UROGENITAL

Chairmen: M. Secil, G. Zacharopoulos

14:45-15:00 **Clinical /Surgical Overview:**
*** What the urologist expects from US**
A. Karagiannis

15:00-15:15 **Radical prostatectomy & robotic surgery**
V. Migdalis

15:15-15:30 **Prostate TRUS, Color Doppler, Elastography and guided biopsies**
G. Zacharopoulos

15:30-15:45 **Histological examination after US-guided biopsy of the Prostate**
L. Kaklamanis

16:00-16:15 **US, Color Doppler & Elastography in the Testis**
M. Secil

16:15-17:00 **CEUS & Elastography in the transplanted kidney**
R. Badea

17:00-17:30 **Coffee Break**

HALL B

12:00-12:15 **PRACTICAL COURSE / POINT OF CARE, TRAUMA, ICU**
Chairmen: K. Vagianos

FAST

A. Aggelis

Pseudoaneurysm thrombosis (videos)

O. Karapanagiotou

Lung sonography in ICU (videos)

S. Dimopoulos

Workshop Faculty: O. Karapanagiotou, S. Katsiloulis, A. Aggelis, S. Dimopoulos

13:00-14:00 **Lunch Break**

PRACTICAL COURSE/ MSK - PNS - SKIN

Chairmen: K. Karokis

How I do it:

14:15-14:30 **Technique and applications of US and Elastography in the MSK**
D. Karokis

14:30-14:45 **US of the PNS**
A. Kerasnoudis

14:45-15:00 **US-guided interventional procedures in the MSK**
TBA

Workshop Faculty: R. Badea, M.Vlychou, D. Karokis, I. Bechrakis

17:00-17:30 **Coffee Break**



HALL A

THEORETICAL COURSE / PEDIATRIC ULTRASOUND

Chairmen: M. Zarifi, T. Konitsioti

- 17:30-17:45 **Clinical Overview**
*What the pediatrician expects from US?
Th. Konitsioti
- 17:45-18:00 **US guided hydrostatic reduction of intussusception**
T. Kebede
- 18:00-18:15 **US, color Doppler and elastography in diffuse and liver disease**
P. Galina
- 18:15-18:30 **US and color Doppler in kidney and urinary tract disease**
S. Ozbek
- 18:30-18:45 **US assessment of paediatric diffuse liver diseases and portal hypertension**
I. Apine
- 18:45-19:00 **CEUS voiding ultrasonography**
X. Karatzou
- 19:00-19:15 **Inflammatory bowel diseases in children: the role of ultrasonography**
V. Grigoraki
- 19:15-19:30 **Neonatal head sonography**
K. Kanavaki
- Discussion**

THEORETICAL COURSE/MSK - PNS - SKIN

Chairmen: R. Badea, M. Vlychou

- 19:30-19:45 **Clinical /Surgical Overview: *What the rheumatologist expects from US**
D. Karokis
- 19:45-20:00 **US and Elastography in the Musculo - skeletal System / Upper and lower limb**
I. Bechrakis
- 20:00-20:15 **Interventional US in the MSK**
D. Papoutsis
- 20:15-20:30 **US vs Elastography of the ankle and achilles tendon**
M. Vlychou
- 20:30-20:45 **Minimally invasive technique with fusion guidance in the MSK**
D. Filippiadis
- 20:45-21:00 **US and Elastography of the Skin**
R. Badea
- 21:00-21:15 **US and Elastography in the PNS**
A. Kerasnoudis
- Discussion**

HALL B

PRACTICAL COURSE / UROGENITAL

Chairmen: I. Theotokas

How I do it:

- 17:30-17:45 **TRUS and MRI Fusion of the Prostate**
G. Zacharopoulos
- 17:45-18:00 **Elastography and TRUS-guided prostate biopsy**
I. Theotokas
- 18:00-18:15 **Technique of TRUS guided biopsies: How to avoid complications**
A. Karagiannis

Workshop Faculty: G. Zacharopoulos, I. Theotokas, A. Karagiannis, V. Migdalis

PRACTICAL COURSE / PEDIATRIC ULTRASOUND

Chairmen: K. Kanavaki

How I do it

- 19:00-19:15 **Elastography in pediatric liver and spleen in CLD**
P. Galina
- 19:15-19:30 **US-guided Intervention**
S. Grigoriadis
- 19:30-19:45 **Urinary stasis grading in paediatrics**
I. Apine
- 19:45-20:00 **US guided hydrostatic reduction of intussusception**
T. Kebede
- 20:00-20:15 **US & CEUS in urinary tract infections**
A. Mazioti

Workshop Faculty: T. Kebede, K. Kanavaki, P. Galina, A. Mazioti

CONGRESS PRESIDENTS:
Aris Antsaklis ∞ Pavlos S. Zoumpoulis

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GENERAL INFORMATION

DATES: January 18 & 19, 2019, Athens, Greece

CONGRESS VENUE: Crowne Plaza Hotel (50 Michalakopoulou str. 11528, Athens, Greece)

LANGUAGE: The official language of the Congress is English.

REGISTRATIONS

Registration Category	Early Registration	Late Registration
	Up to December 7th, 2018	After December 7th, 2018
HSUMB / EFSUMB Non-Members	€ 120,00	€ 150,00
HSUMB / EFSUMB Members	€ 90,00	€ 110,00
Trainees / Students *	€ 50,00	€ 80,00
One Practical course	€ 50,00	
Two or more Practical Courses	€ 30,00 each	

**Trainees / Students are kindly requested to provide an official proof of status from the Institution/Hospital they practice their specialty in, to the Course's Secretariat
Greek VAT 24% is not included in the registration fee.*

- LIVER
- THYROID-LYMPH NODES
- BREAST
- UROGENITAL
- GYN/OBST

- MSK-NERVES
- VESSELS
- CEUS, GI Tract
- PEDIATRIC

PRACTICAL COURSES:

- Participation cost to one Course is € 50,00.
- Participation cost to two or more Courses is €30,00 each.

- All registrants participating to the Practical Courses are entitled to the "Practical Workshops Certificate of Attendance".
- It is mandatory that participants to the Practical Courses should be registered to the Congress.
- Registrations to the Practical Courses are subject to priority order.

CONGRESS SECRETARIAT



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